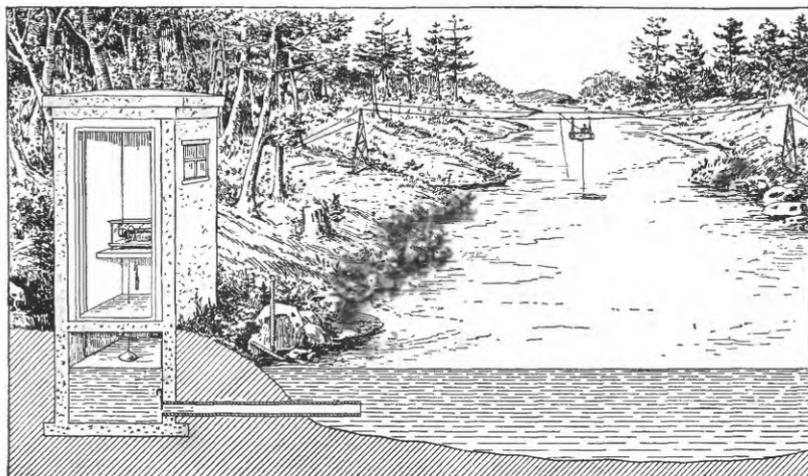
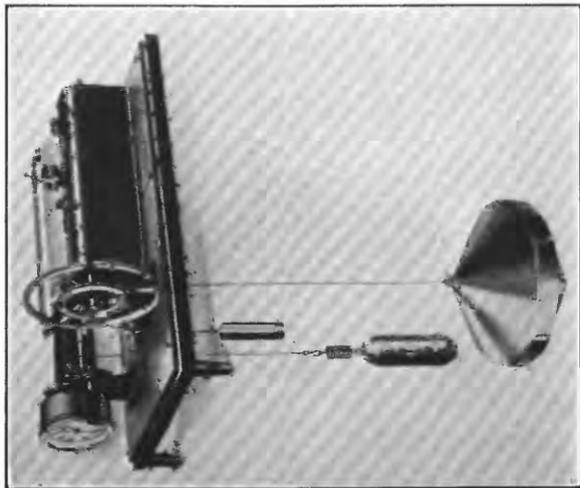


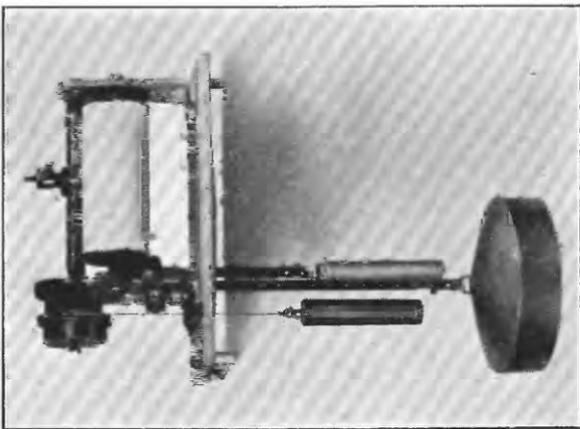
A. PRICE CURRENT METERS



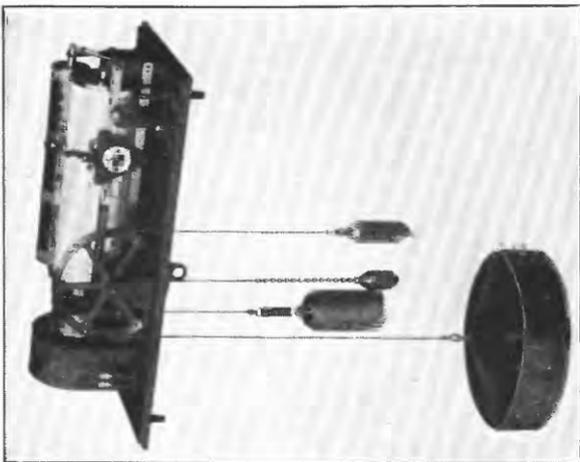
B. TYPICAL GAGING STATION



A



B



C

WATER-STAGE RECORDERS

A. Au; B. Gurley; C. Stevens

SANTA YNEZ RIVER BASIN.

SANTA YNEZ RIVER NEAR SANTA BARBARA, CALIF.

LOCATION.—Near section line, between secs. 10 and 11, T. 5 N., R. 27 W., at Gibraltar dam, 7 miles north of Santa Barbara, Santa Barbara County.

DRAINAGE AREA.—218 square miles.

RECORDS AVAILABLE.—November 1, 1903, to April 30, 1907; October 1, 1907, to January 31, 1908; February 6, 1910, to November 24, 1918; and October 1, 1920, to September 30, 1922. Station was maintained $4\frac{3}{4}$ miles above dam site January 1 to June 20, 1903.

DIVERSIONS.—City of Santa Barbara diverts water at dam for municipal use.

COOPERATION.—Monthly-discharge record furnished for publication by city of Santa Barbara through V. E. Trace, superintendent of water works.

The following table gives the data showing storage in the reservoir, increases to storage, and decreases from storage.

Data on storage, in acre-feet, in reservoir on Santa Ynez River near Santa Barbara, Calif.

	Reser- voir, storage	Decrease during month					Increase during month		
		City weir	River weir	Evapo- ration	Gain or loss	Valves	Spillway	Precipi- tation	Inflow
1921									
Sept. 30.....	12,995								
Oct. 31.....	12,613	216.8	50.5	159		0	0	12.5	32.2
Nov. 30.....	12,339	149.5	58.1	95.8		0	0	1.7	27.2
Dec. 31.....	15,790	108	284	45		0	9,087.8	461.2	12,515
1922									
Jan. 31.....	15,797	95.8	3,330.2	20.6		0	4,324.9	234.2	7,543.9
Feb. 28.....	15,691	0	4,107.6	27.1		3,928.3	18,587.7	272.7	26,332.6
Mar. 31.....	15,698	0	2,547.2	31		5,585.6	3,414	185.7	11,598.5
Apr. 30.....	15,307	113.6	1,516.3	30		3,783.8	59.4	11	5,161.8
May 31.....	14,316	145.3	1,217.7	138.8		1,904.6	0	16	2,339.2
June 30.....	14,517	392.4	0	136.2		0	0	0	729.5
July 31.....	14,135	316.6	0	142.4	+7.7	26.2	0	0	95.5
Aug. 31.....	13,610	338.4	0	178.6	+3.7	53.1	0	0	41.5
Sept. 30.....	13,053	318.5	0	151.4	-58.9	47.4	0	0	19.2
Total.....	+58	2,194.9	13,171.6	1,156	-47.5	15,329	35,473.8	1,195.1	66,235.9

NOTE.—Inflow is computed from data obtained at the reservoir and is equal to sum of decreases during month plus increase in storage, minus precipitation.

SALINAS RIVER BASIN

SALINAS RIVER NEAR SANTA MARGARITA, CALIF.

LOCATION.—In sec. 15, T. 29 S., R. 13 E., at Calf Canyon Bridge, $2\frac{1}{2}$ miles northeast of Santa Margarita, San Luis Obispo County, Calif.

DRAINAGE AREA.—155 square miles (measured by Division of Engineering and Irrigation, Department of Public Works, State of California).

RECORDS AVAILABLE.—April 7 to September 30, 1922, when station was discontinued.

COOPERATION.—Records furnished by Division of Engineering and Irrigation, Department of Public Works, State of California.

